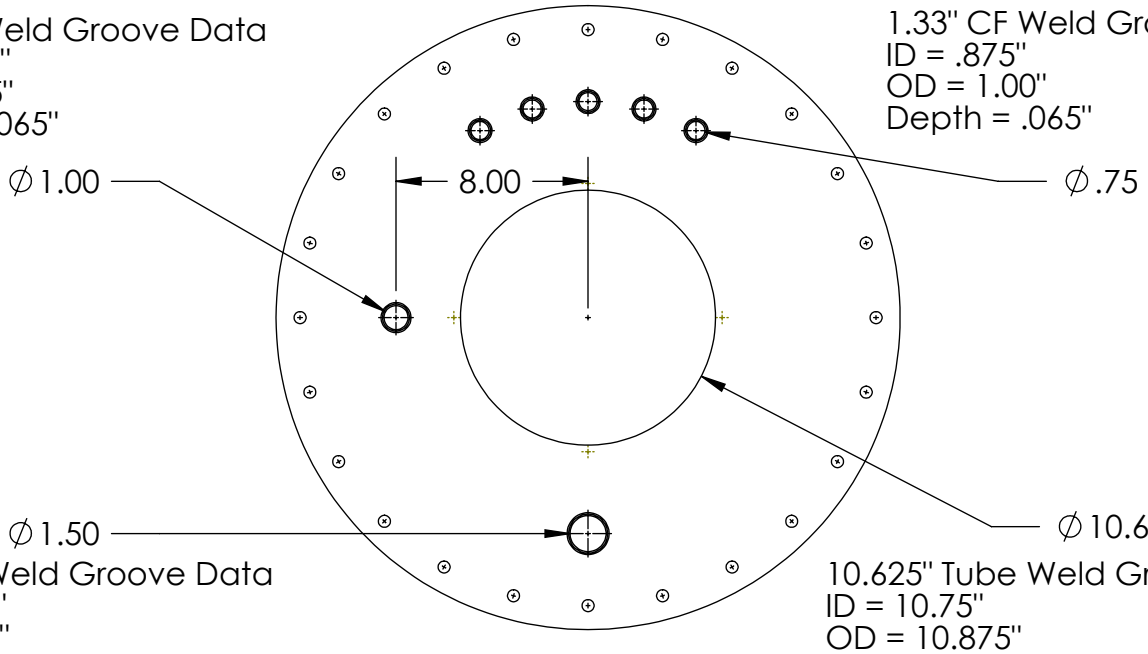
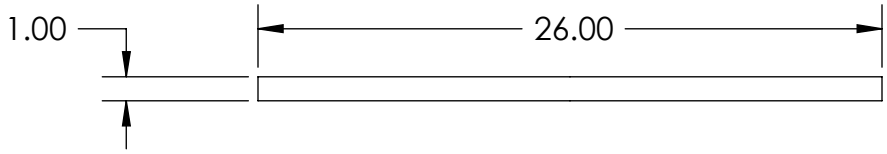
1" Tube Weld Groove Data
ID = 1.125"
OD = 1.25"
Depth = .065"

1.33" CF Weld Groove Data
ID = .875"
OD = 1.00"
Depth = .065"

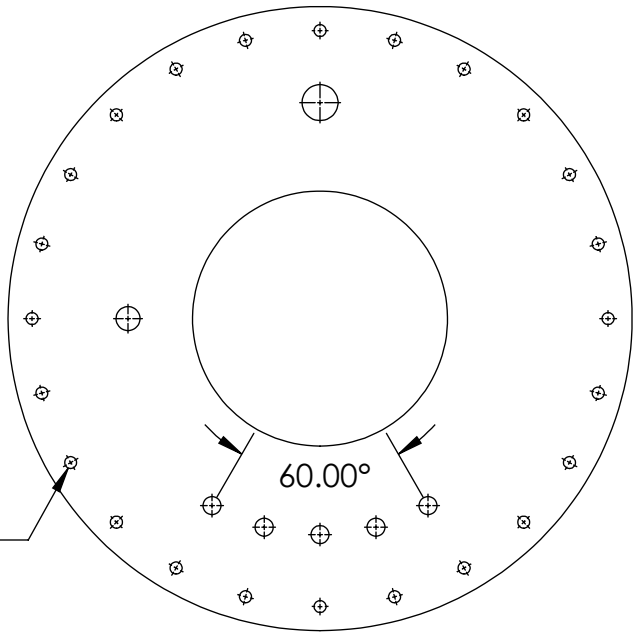


2.75" CF Weld Groove Data
ID = 1.625"
OD = 1.75"
Depth = .065"

10.625" Tube Weld Groove Data
ID = 10.75"
OD = 10.875"
Depth = .065"



Feedthrough Ports on 18" BC



24x 1/2" Clearance Holes
On 24" BC

DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		
MATERIAL 304 Stainless Steel		
FINISH		
DO NOT SCALE DRAWING		

	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

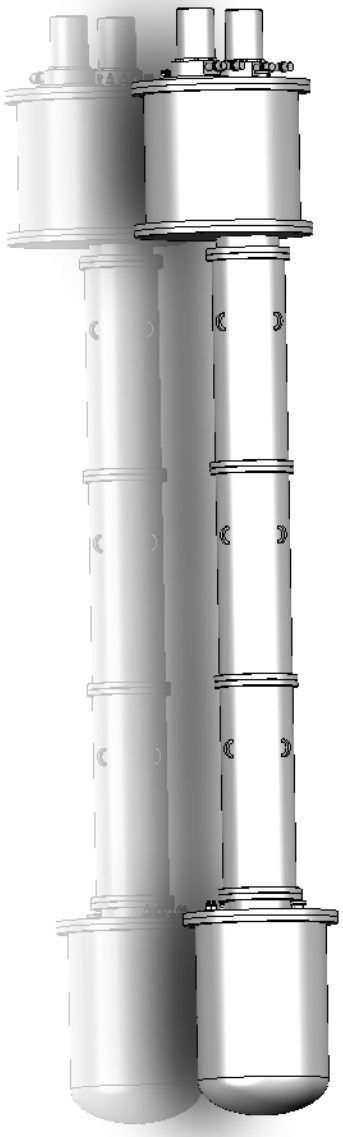
COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

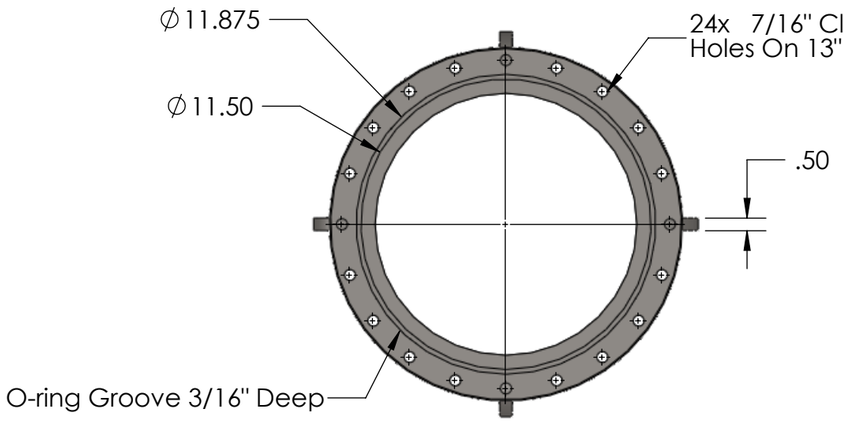
Drawn By: Tristen Hohman

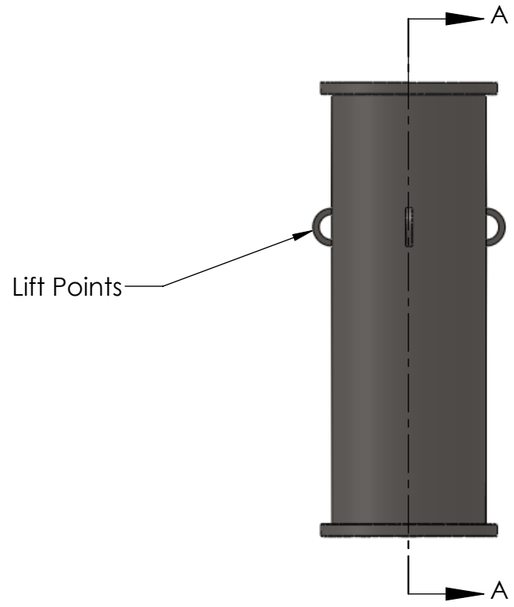
Blank Flange for Bottom Dewar Lid

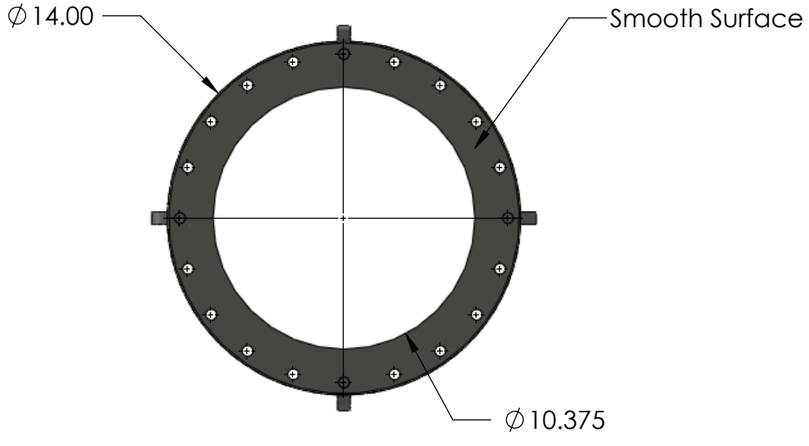
SIZE	DWG. NO.	REV.
A	bottom medium dewar lid blank	1

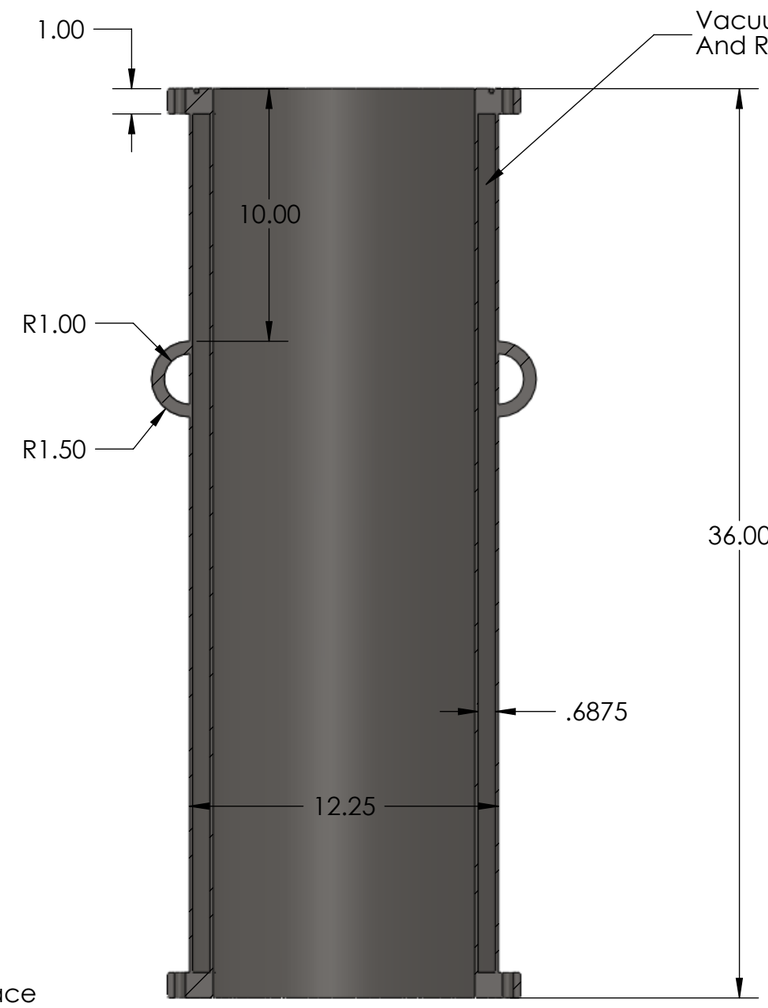
SCALE:1:12 | WEIGHT: | SHEET 1 OF 1











SECTION A-A
SCALE 1 : 6

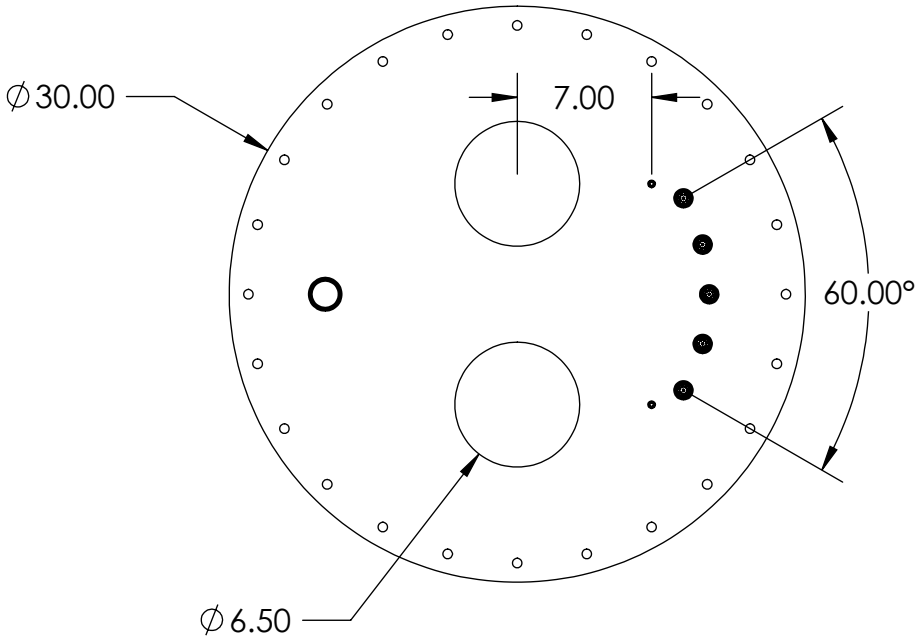
UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	TH	3/17/09
	CHECKED		
	ENG APPR.		
	MFG APPR.		
	Q.A.		
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL 304 Stainless Steel	Any Questions Call Tristen Hohman:		
FINISH	Office # - 609-258-6761		
DO NOT SCALE DRAWING	Cell # - 908-399-0783		

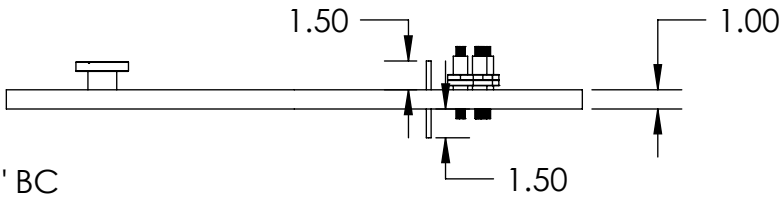
Drawn By: Tristen Hohman

TITLE:
Vacuum Insulated Tube

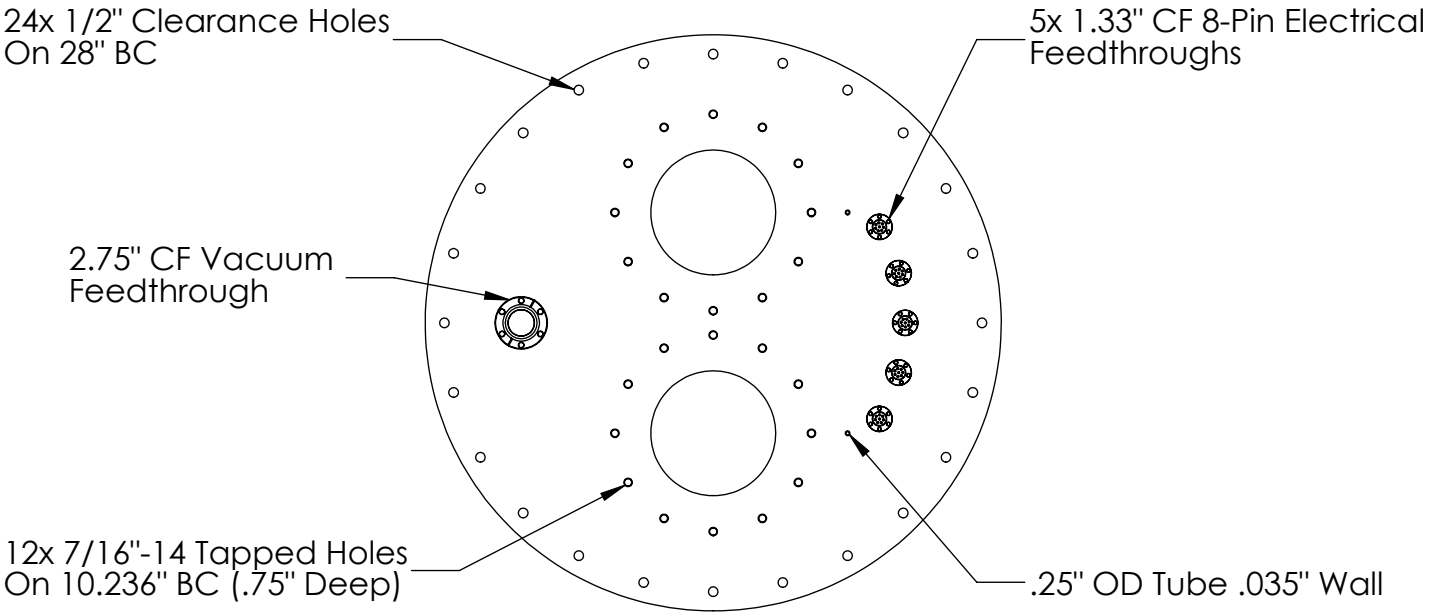
SIZE	DWG. NO.	REV
B	vacuum walled tube	1

SCALE: 1:12 | WEIGHT: | SHEET 1 OF 1





Feedthrough Ports on 20" BC



DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		
MATERIAL 304 Stainless Steel		
FINISH		
DO NOT SCALE DRAWING		

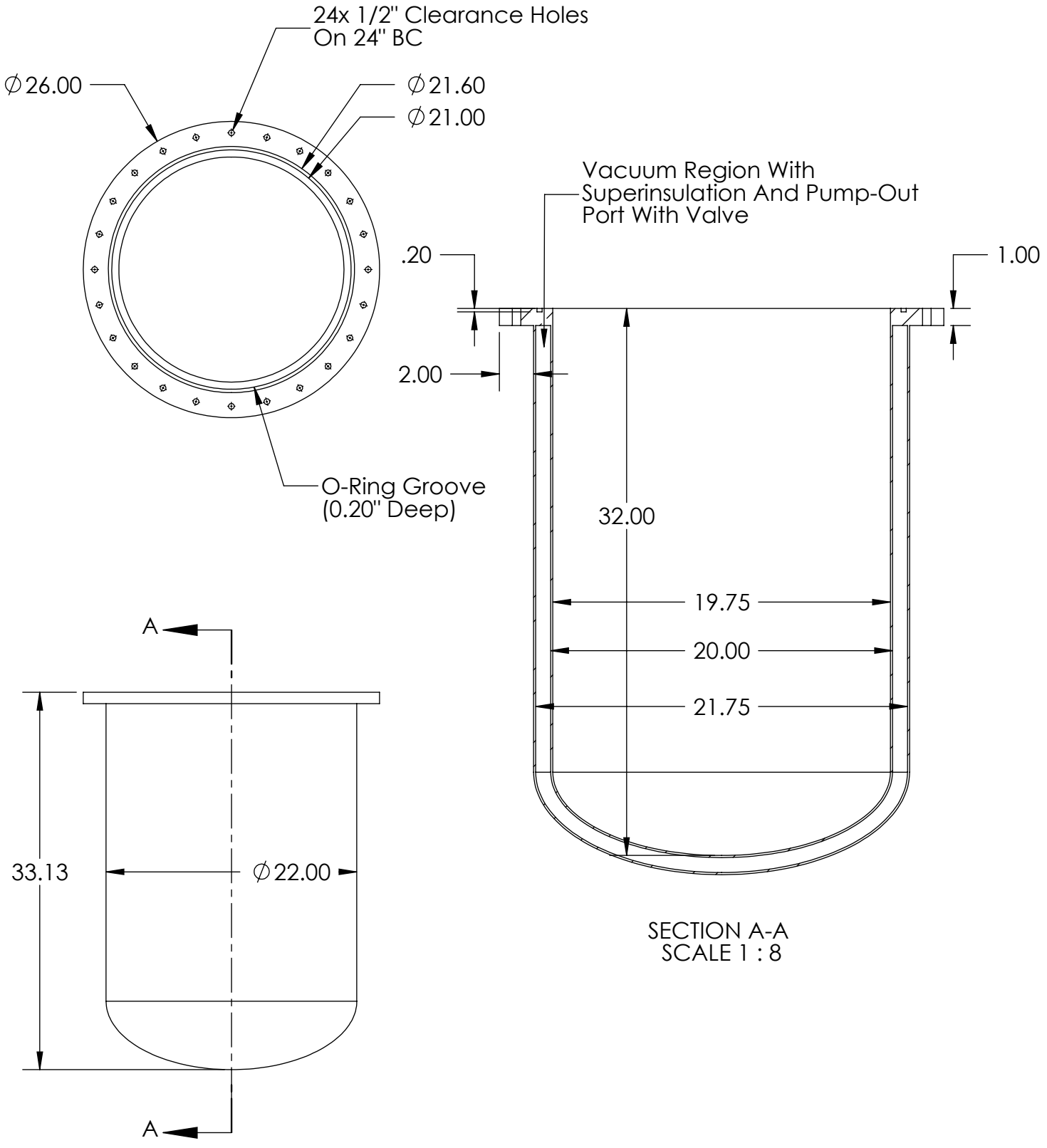
	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

Drawn By: Tristen Hohman

Assembled Top FLange for Top Dewar

SIZE	DWG. NO.	REV.
A	top dewar top flange assem	1
SCALE:1:16	WEIGHT:	SHEET 1 OF 1



SECTION A-A
SCALE 1 : 8

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

MATERIAL
304 Stainless Steel

FINISH

DO NOT SCALE DRAWING

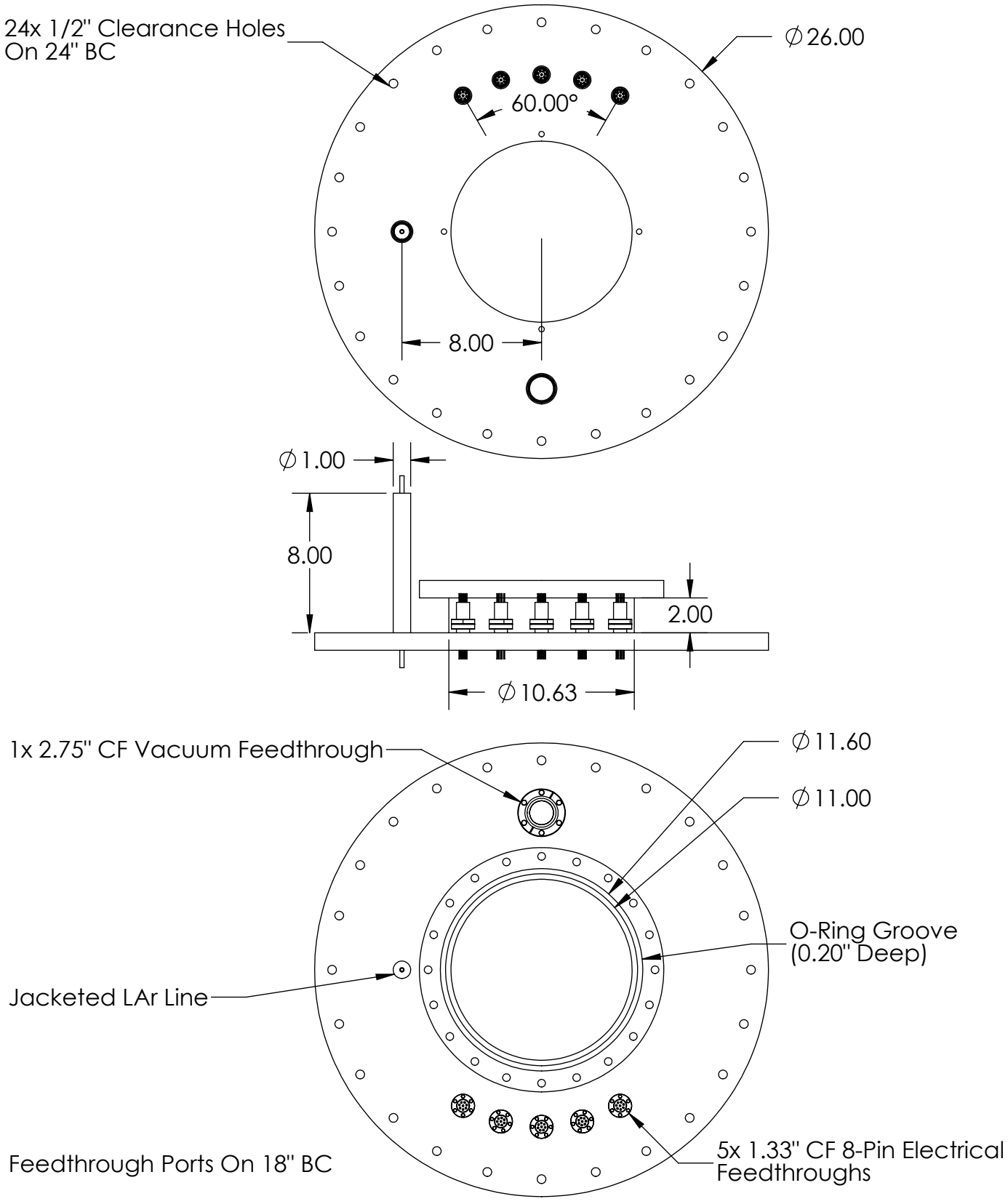
	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

Drawn By: Tristen Hohman

Bottom Dewar

SIZE	DWG. NO.	REV.
A	medium bottom dewar	1
SCALE:1:12	WEIGHT:	SHEET 1 OF 1



DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		
MATERIAL 304 Stainless Steel		
FINISH		
DO NOT SCALE DRAWING		

	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

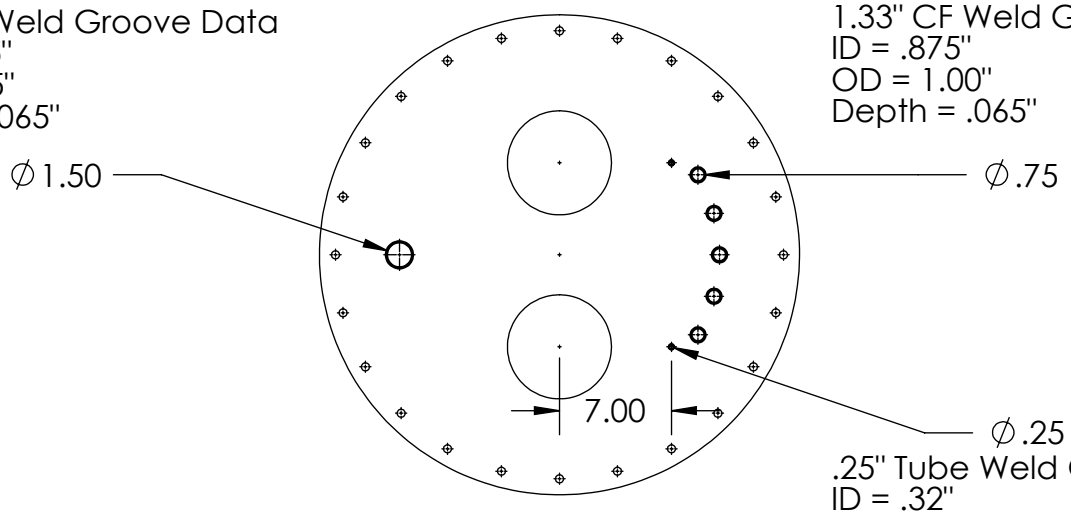
Drawn By: Tristen Hohman

Assembled Top Flange for Bottom Dewar

SIZE	DWG. NO.	REV.
A	medium bottom dewar flange assem	1
SCALE:1:12	WEIGHT:	SHEET 1 OF 1

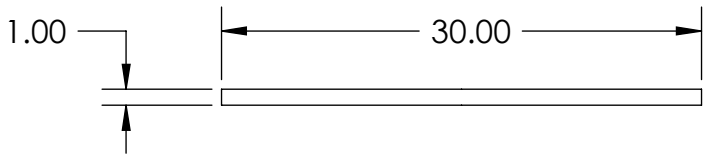
2.75" CF Weld Groove Data
ID = 1.625"
OD = 1.75"
Depth = .065"

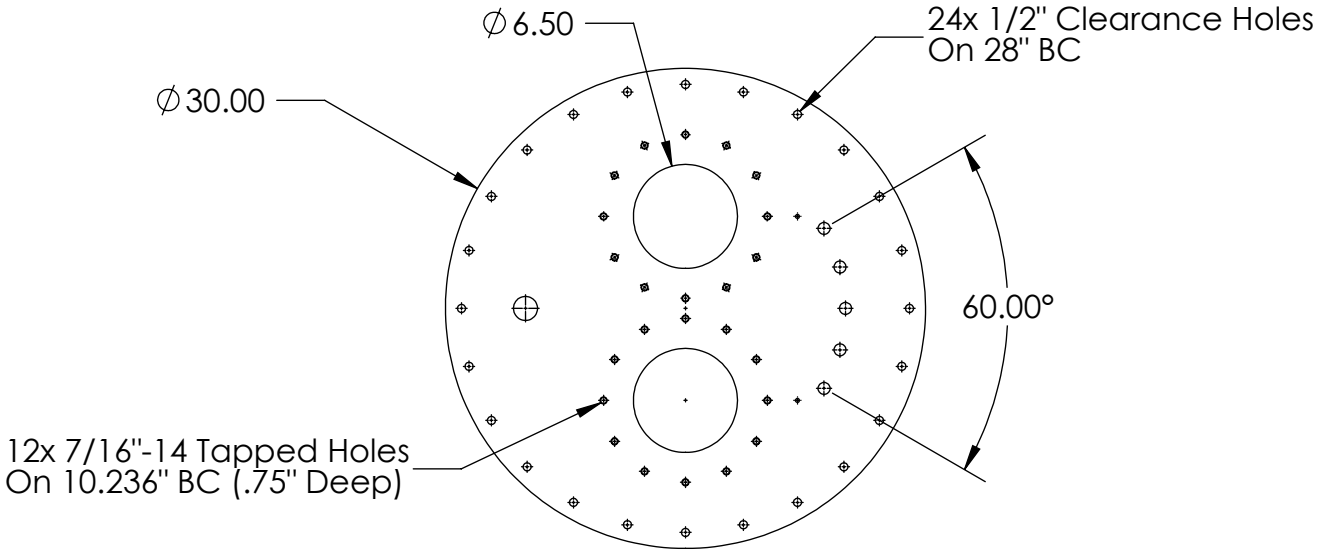
1.33" CF Weld Groove Data
ID = .875"
OD = 1.00"
Depth = .065"



.25" Tube Weld Groove Data
ID = .32"
OD = .39"
Depth = .035"

Feedthrough Ports On 20" BC





DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		
MATERIAL 304 Stainless Steel		
FINISH		
DO NOT SCALE DRAWING		

	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

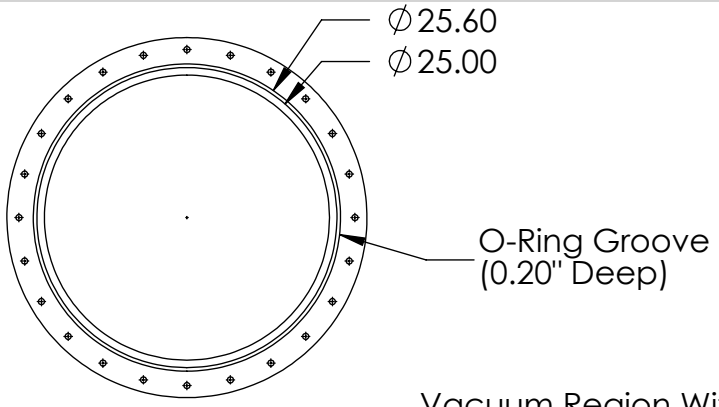
COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

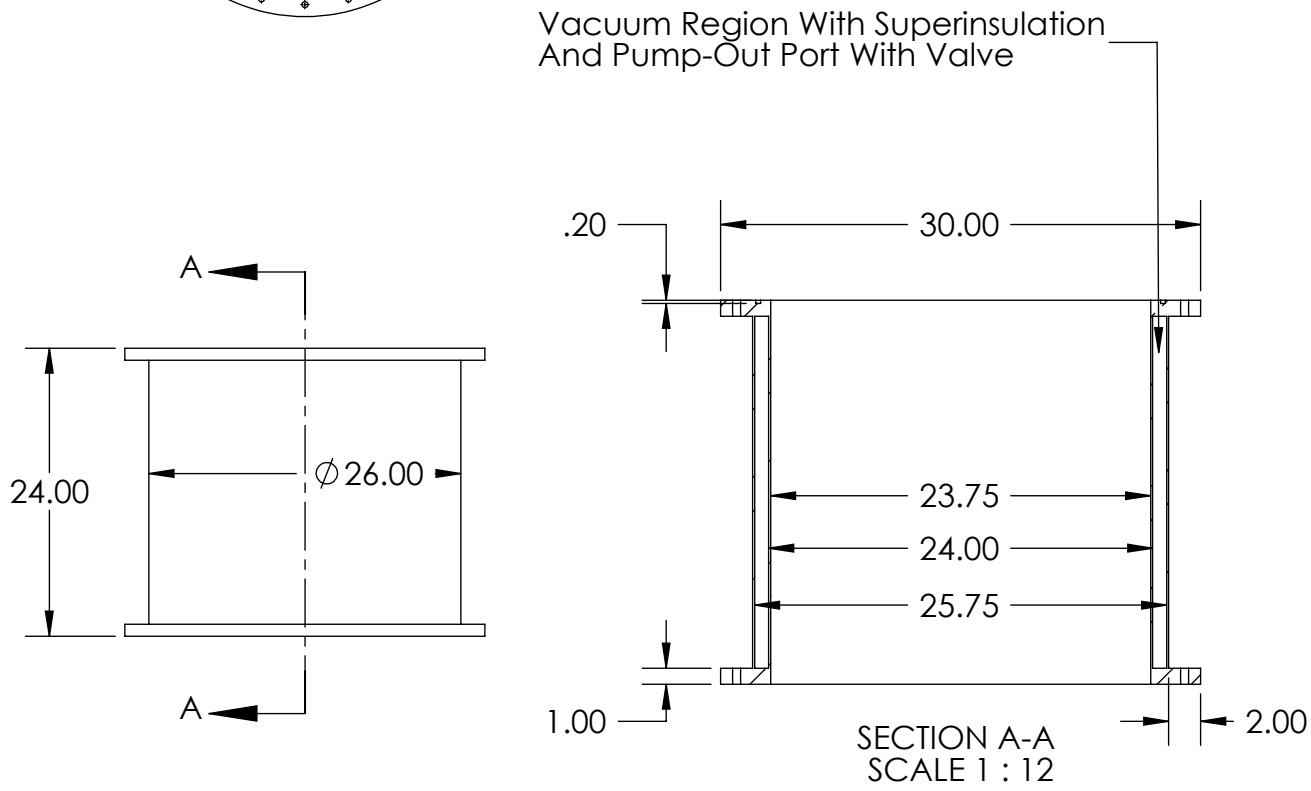
Drawn By: Tristen Hohman

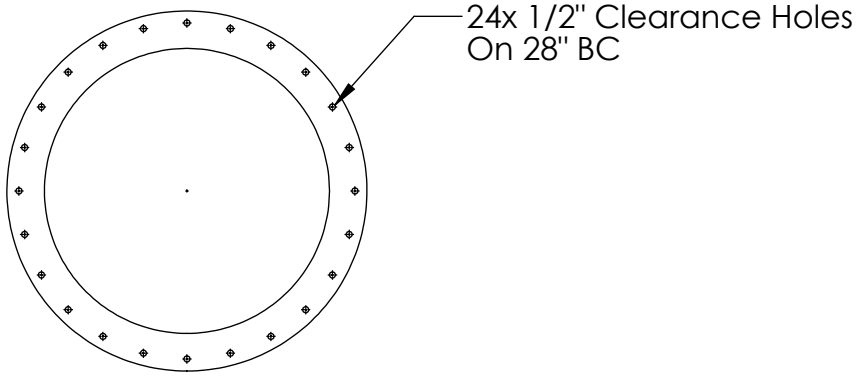
Blank Flange for Top Lid of Top Dewar

SIZE	DWG. NO.	REV.
A	large top dewar lid 2 condensers blank	1

SCALE:1:16 | WEIGHT: | SHEET 1 OF 1







DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

MATERIAL 304 Stainless Steel

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

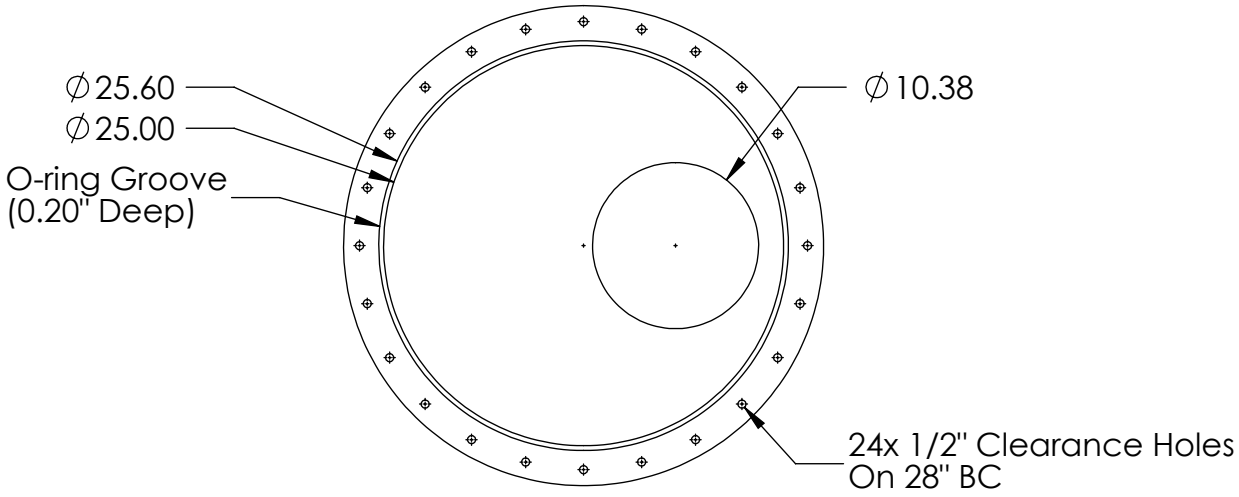
COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

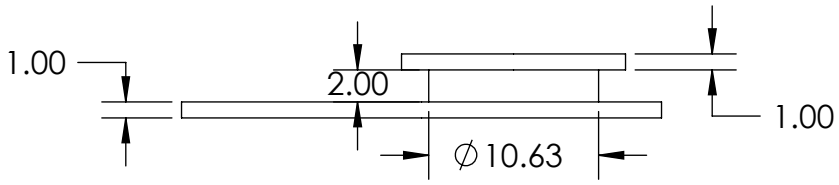
Drawn By: Tristen Hohman

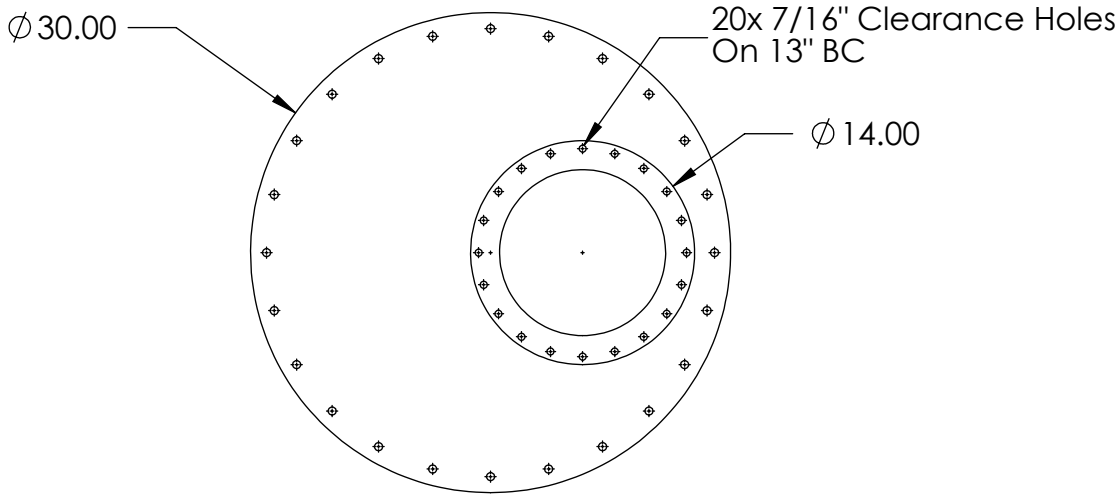
Top Dewar Section for Two Condensers

SIZE	DWG. NO.	REV.
A	large top dewar for two condensers	1

SCALE:1:16 | WEIGHT: | SHEET 1 OF 1







DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		
MATERIAL 304 Stainless Steel		
FINISH		
DO NOT SCALE DRAWING		

	NAME	DATE
DRAWN	TH	4/13/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

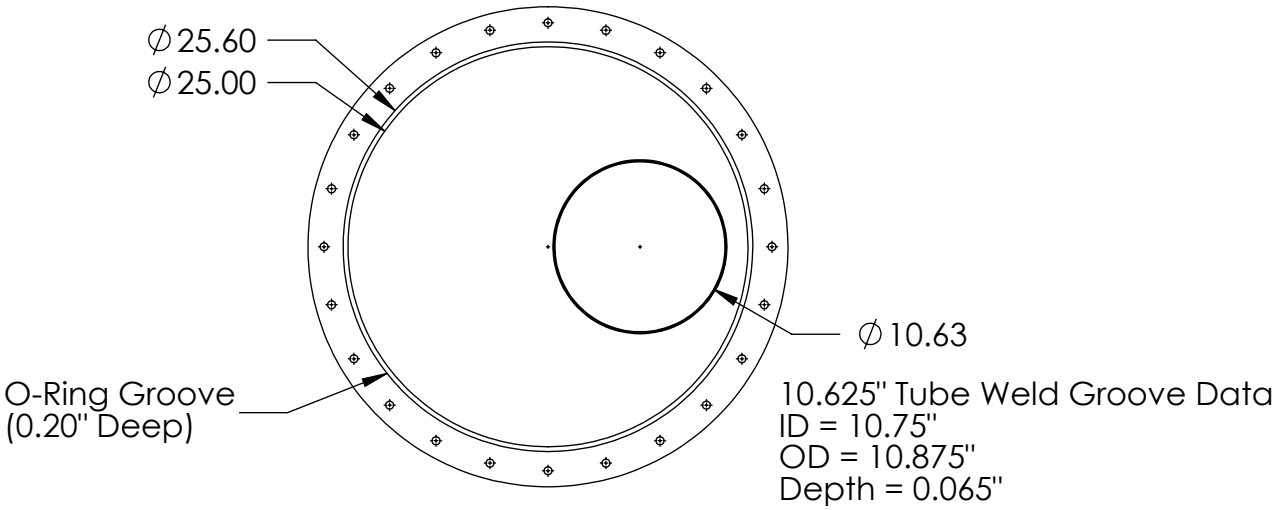
COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

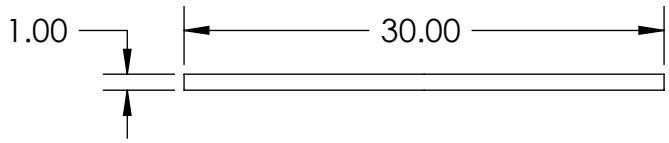
Drawn By: Tristen Hohman

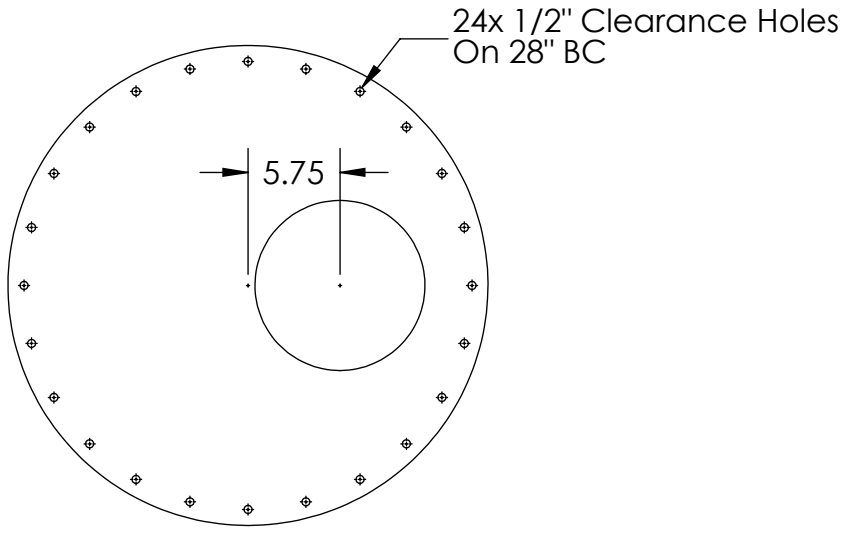
Assembled Bottom Flange for Large Top Dewar

SIZE	DWG. NO.	REV.
A	large top dewar bottom flange 2 condensers	1

SCALE:1:16 | WEIGHT: | SHEET 1 OF 1







DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

MATERIAL
304 Stainless Steel

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TH	4/13/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

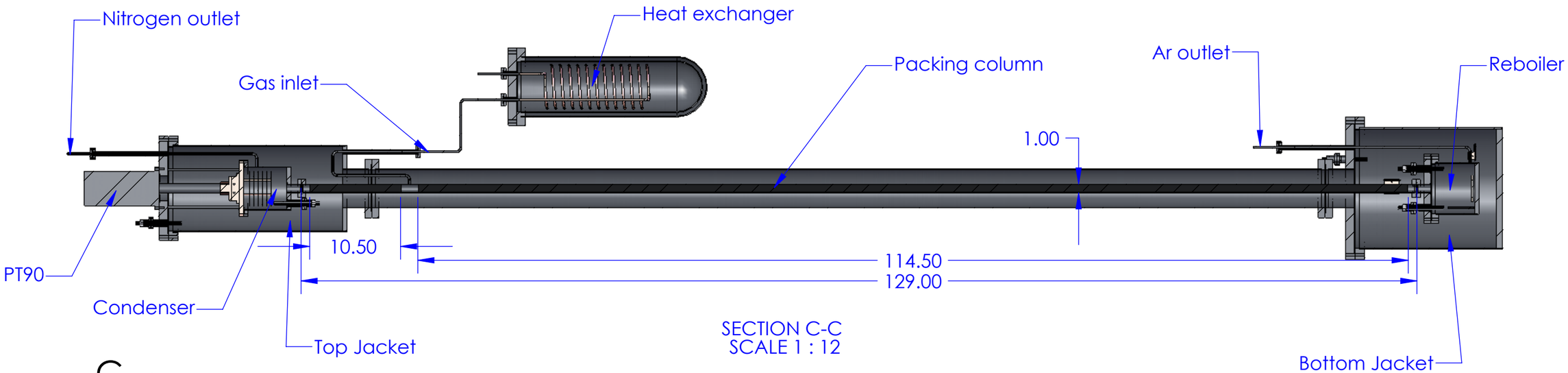
COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # - 908-399-0783

Drawn By: Tristen Hohman

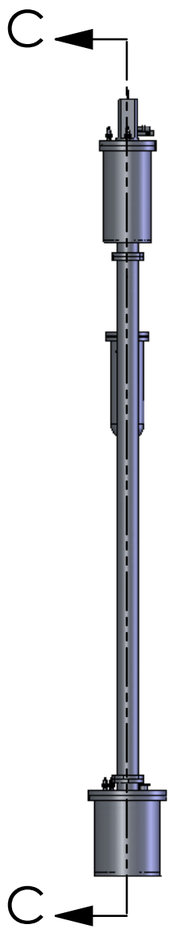
Blank Bottom Flange for Large Top Dewar

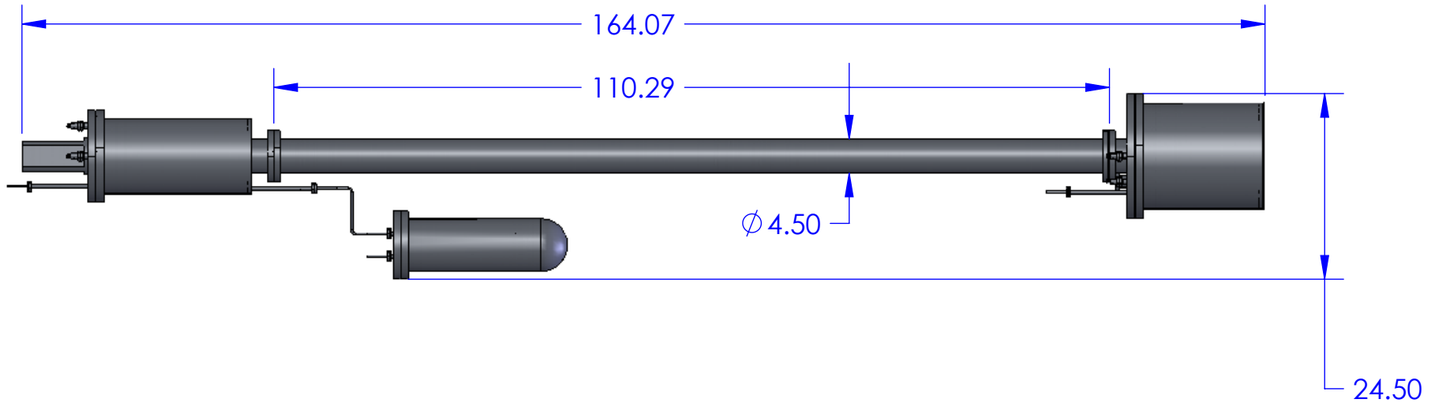
SIZE	DWG. NO.	REV.
A	large top dewar bottom flange 2 condensers blank	1

SCALE:1:16 | WEIGHT: | SHEET 1 OF 1



SECTION C-C
SCALE 1 : 12





NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TH	10/22/08
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

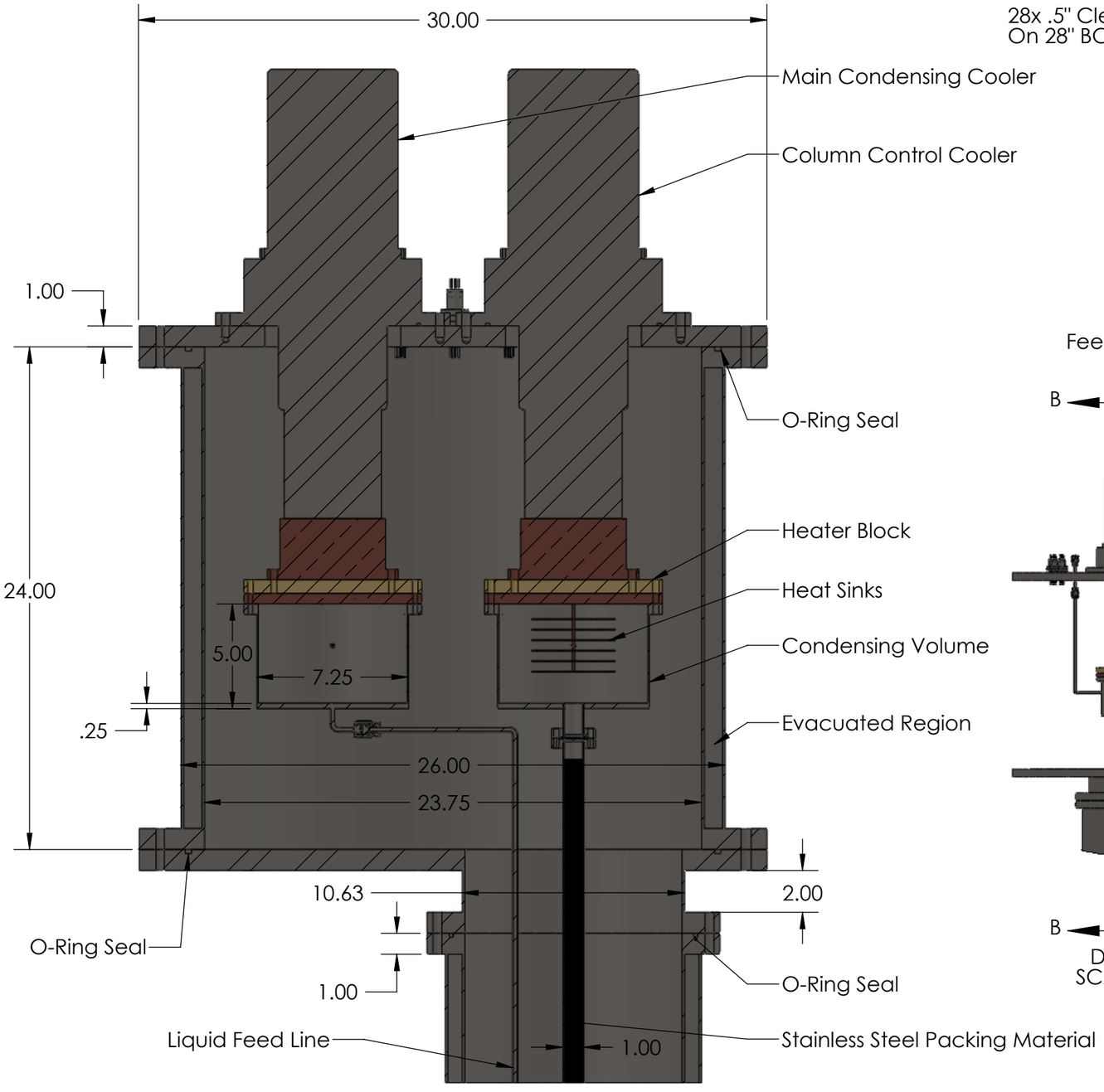
COMMENTS:

Drawn By: Tristen Hohman

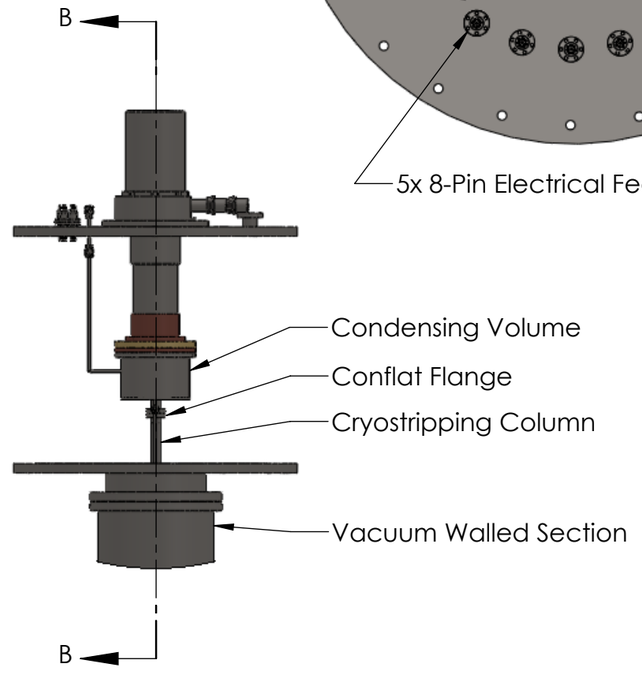
TITLE:

Cryo-stripping Column Overview

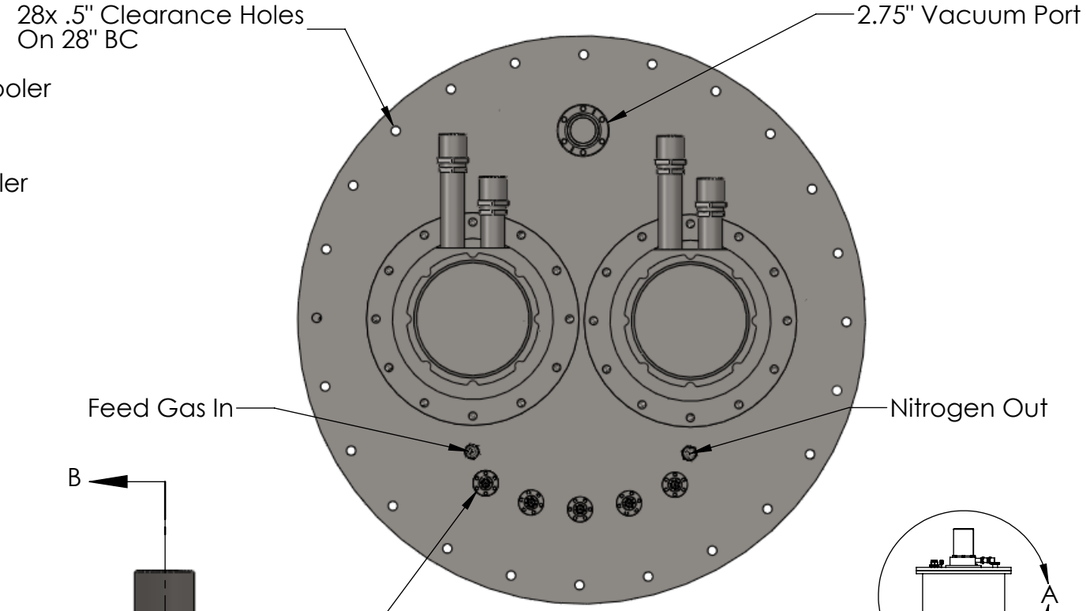
SIZE	DWG. NO.	REV
B	distillation column	1
SCALE: 1:32	WEIGHT:	SHEET 1 OF 1

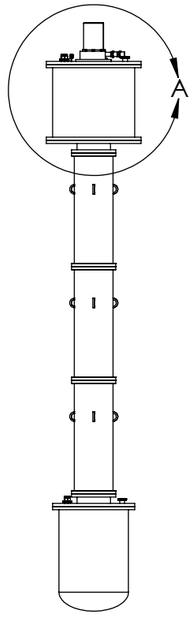


SECTION B-B
SCALE 1 : 6



DETAIL A
SCALE 1 : 16





UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	TH	4/13/09
	CHECKED		
	ENG APPR.		
	MFG APPR.		
	Q.A.		
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL Mostly 304 Stainless Steel	Any Questions Call Tristen Hohman:		
FINISH	Office # - 609-258-6761		
DO NOT SCALE DRAWING	Cell # - 908-399-0783		

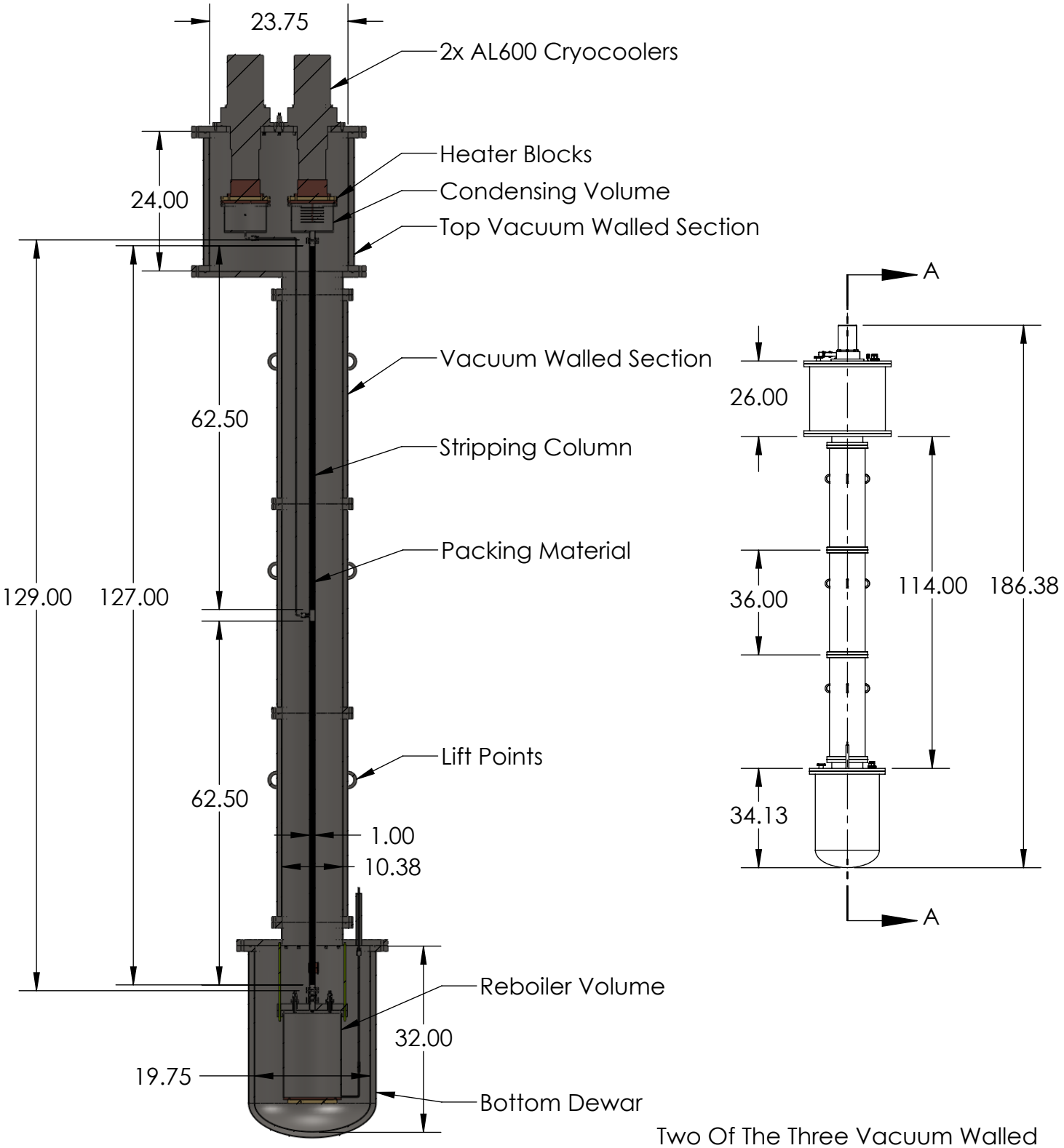
Drawn By: Tristen Hohman

TITLE:

Top Of Cryostripping Column

SIZE	DWG. NO.	REV
B	cryostripping column revised 3 top	3

SCALE: 1:48	WEIGHT:	SHEET 1 OF 1



SECTION A-A
SCALE 1 : 24

Two Of The Three Vacuum Walled Sections Will Be Supplied Along With The 2 AL600 Cryocoolers And The Three Heater Blocks.

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

MATERIAL
Mostly 304 Stainless Steel

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TH	4/13/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

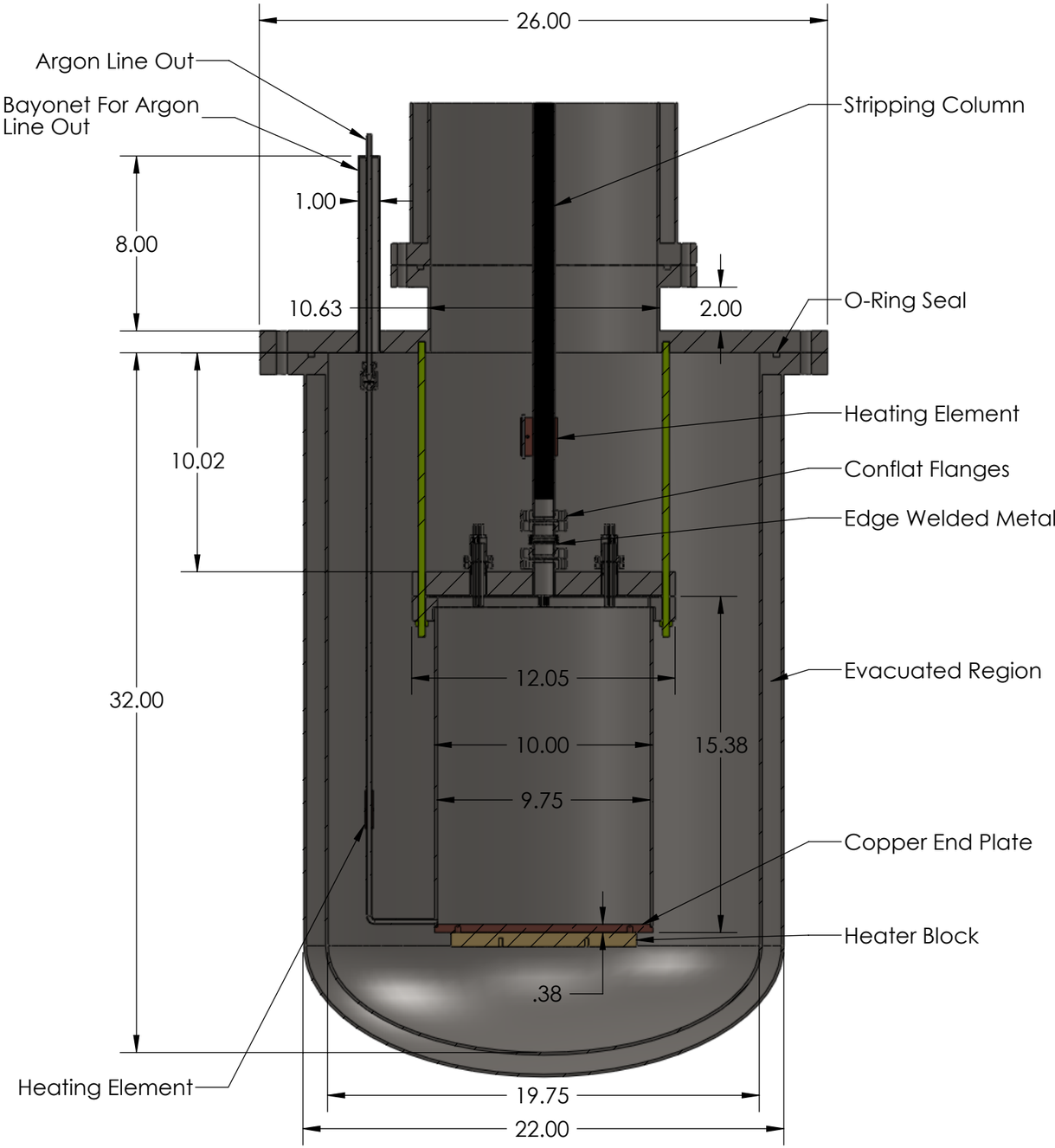
COMMENTS:
Any Questions Call Tristen Hohman:
Office # - 609-258-6761
Cell # -908-399-0783

Drawn By: Tristen Hohman

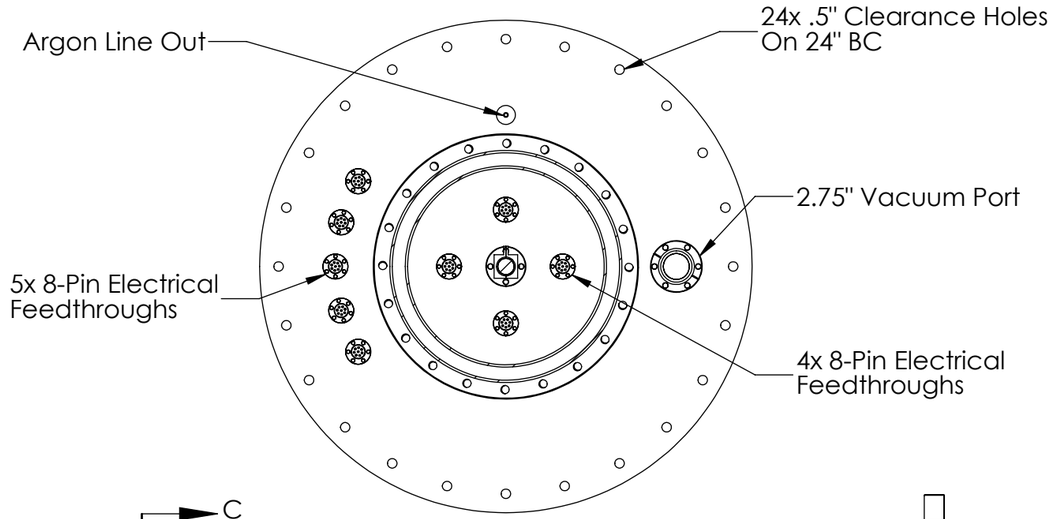
Main View of Cryostripping Column

SIZE	DWG. NO.	REV.
A	cryostripping column revised 3	3

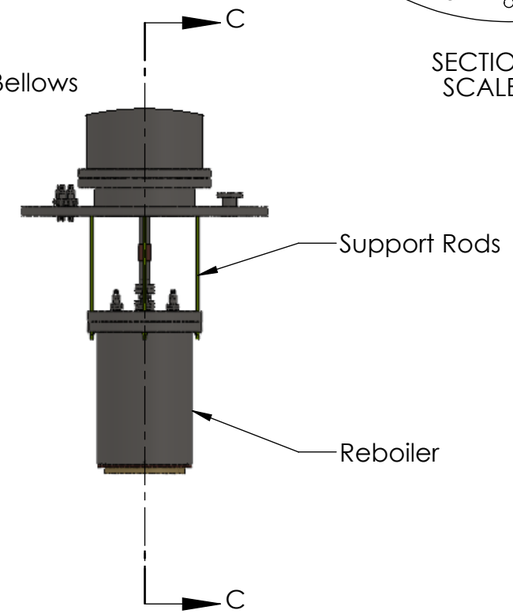
SCALE:1:48 | WEIGHT: | SHEET 1 OF 1



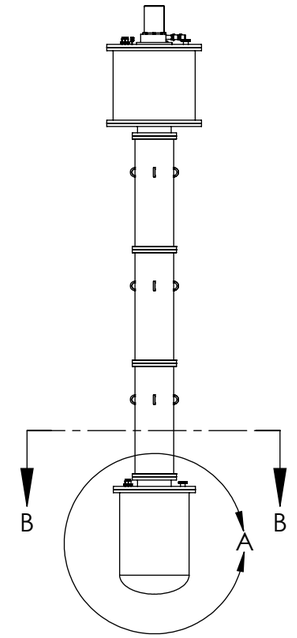
SECTION C-C
SCALE 1 : 6



SECTION B-B
SCALE 1 : 8



DETAIL A
SCALE 1 : 16



UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	TH	4/13/09
	CHECKED		
	ENG APPR.		
	MFG APPR.		
INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		
MATERIAL Mostly 304 Stainless Steel	COMMENTS: Any Questions Call Tristen Hohman: Office # - 609-258-6761 Cell # - 908-399-0783		
FINISH			
DO NOT SCALE DRAWING			

Drawn By: Tristen Hohman

TITLE:

Bottom Of Cryostripping Column

SIZE	DWG. NO.	REV
B	cryostripping column revised 3 bottom	3

SCALE: 1:48 WEIGHT: SHEET 1 OF 1